

Work Order ID 55502

January 19, 2010 1:47:04 PM

Page 1

Item ID: D412-630-032

Accept

Setup Start

Revision ID:

Stop

Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10 Start Qty: 2.00

Required Date: 1/25/10 Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: *RL*

Date: *10-1-19*

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

IIN D412-630

Rev M

100

0.00



DC

Document Control

DOCUMENT CONTROL

Memo

0.00

Photocopy D412-630 bluefile & type labels per PPP412-630-032 CHG003

S 10/2/03

HJ for MF 10/02/03

110

0.00



Small Fab

Small Fab

Small Fab

Memo

0.00

Assemble as per dwg D412-630 p.17

****ensure tension to retract step is 11 to 18 lbs before installing lockwire.****

A/R MS20995C41 batch: *M101537*

9/50/02/02 (2)

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Quality Control

Memo

0.00

****ensure tension to retract step is 11 to 18 lbs ****

Test fit on aircraft in Eng. lab.

→ S 10/2/02

x2

A1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 55502

January 19, 2010 1:47:04 PM



Page 2

Item ID: D412-630-032

Accept



Setup Start



Revision ID:

Stop



Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10 Start Qty: 2.00



Cust Item ID:

Required Date: 1/25/10 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals: Process Plan: Date:

Tooling: Date:

Stop



QC: Date:

SPC (Y/N): Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



Packaging

Pick Kit

0.00

Memo

0.00

Packaging

10-1-28

(2) 2

140



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

Memo

0.00

=> 8.10.12.13

(2) 2

150



Packaging

Packaging

Packaging

0.00

Memo

0.00

Identify and pack for shipping as per PPP D412-630-032

Location: C
PPP Rev: C

10-2-3

(2) 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 55502

January 19, 2010 1:47:04 PM

Page 3

Item ID: D412-630-032

Accept

Setup Start

Revision ID:

Stop

Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10 Start Qty: 2.00

Required Date: 1/25/10 Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Run Start

Approvals: Process Plan:

Date:

Tooling:

Date:

Stop

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

10/02/03
ME
10-2-3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 19, 2010 1:47:08 PM

Page 1

13

Work Order ID: 55502



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verified by: DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN310-4		Purchased	No				Each	38.0000	2.00 4.0000			

S
#2
NUT



10-1-28 sl

Warehouse	Loc Qty	Loc Code
Location		

Main Warehouse

ST 38

112969 10

113237 8

113422 20

AN310-4

Purchased

No

Each

38.0000

2.0000

NUT



10-1-28

sl 2x

Warehouse	Loc Qty	Loc Code
Location		

Main Warehouse

ST 38

112969 10

113237 8

113422 20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 19, 2010 1:47:08 PM

Work Order ID: 55502



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN310-5		Purchased	No				Each	20.0000	4.0000			



NUT



10-1-28 sl

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	20	
105280	2	
110552	2	
111060	16	

AN310-7

Purchased

No



NUT

33.0000 2.0000



10-1-28 sl (2x)

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	33	
103286	13	
111916	20	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 19, 2010 1:47:08 PM

Work Order ID: 55502



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN3C5A <i>13</i>		Purchased	No				Each	909.0000	6.0000			
<i>S</i> <i>R</i>											<i>10-1-28</i>	<i>S</i>
Bolt												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	909	
111424	8	
111707	69	
112314	1	
<i>113121</i>	231	<i>6</i>
113149	300	
113644	300	

AN44-C12 *11*

Purchased

No

Each

29.0000

2.0000



eyebolt



10-1-28

S (24)

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	29	
<i>111176</i>	9	<i>2</i>
111888	20	

January 19, 2010 1:47:09 PM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 19, 2010 1:47:09 PM

Work Order ID: 55502



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN4C14		Purchased	No				Each	17.0000	2.0000			
											10-1-28	sl
BOLT												

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST

17

110552

17

Each

22.0000

2.0000



10-1-28

sl

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST

22

111303

10

113618

12

Each

31.0000

4.0000



10-1-28

sl (2x)

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST

31

111978

31

2

AN4C15 4



BOLT

AN4CH3



SS Bolt

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 19, 2010 1:47:09 PM

Page 5

Work Order ID: 55502

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)


Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verified by: DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN5C11 <i>tl</i>	Purchased		No				Each	37.0000	2.0000			
											10-1-28	<i>sl</i>
BOLT												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

37

103248

5

111279

20

113422

12

AN5C15 *tl*

Purchased

No

Each

27.0000

2.0000



BOLT

10-1-28

sl

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

27

10121

2

110552

25

AN960C10 *tl*

Purchased

No

Each

0.0000

14.0000



WASHER

11A51149C0363R

Q51 017-*sl*

1113422

10-1-28

sl (2x)

January 19, 2010 1:47:09 PM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 19, 2010 1:47:09 PM

Work Order ID: 55502



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN960C516		Purchased	No				Each	219.0000	2.0000			
WASHER												

10-1-28

SP

Warehouse	Location	Loc Qty	Loc Code
Main Warehouse	ST	219	
	102842	119	
	112532	100	

2

D3443-041
Strut Weldment Assembly

Manufactured No

Each 1.0000 2.0000

Warehouse	Location	Loc Qty	Loc Code
Main Warehouse	GA	1	
	33696	1	

10-1-28
B54235

SP

D3443-043
Strut Weldment Assembly

Manufactured No

Each 0.0000 2.0000

B54233 10-1-28 SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 19, 2010 1:47:09 PM

Work Order ID: 55502

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3443-9		Manufactured	No				Each	18.0000	4.0000			
											10-1-28	SP
Pin												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

18

48124

8

53502

10

Each

28.0000

2.0000



10-1-28

SP

D3454-1



Manufactured

No

Bushing

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

28

44588

2

46135

6

53745

20

Each

34.0000

4.0000



10-1-28

SP 2X

D3454-3



Manufactured

No

Bushing

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

34

48125

34

4

January 19, 2010 1:47:09 PM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 19, 2010 1:47:09 PM

Page 8

Work Order ID: 55502



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verified by: DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3454-5		Manufactured	No				Each	24.0000	4.0000			
Bushing												

10-1-28

Warehouse	Location	Qty	Code
Main Warehouse	ST	24	
	46137	1	
	53697	23	

D3454-7

 Bushing

Manufactured No

24
1
23
Each

12.0000 4.0000

10-1-28

Warehouse	Location	Qty	Code
Main Warehouse	ST	12	
	46132	12	

D3455-1

 Spacer

Manufactured No

12
12
Each

31.0000 4.0000

10-1-28

Warehouse	Location	Qty	Code
Main Warehouse	ST	31	
	46138	31	

January 19, 2010 1:47:09 PM

Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 19, 2010 1:47:09 PM

Page 9

Work Order ID: 55502

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verified by: DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3455-1 x4 Spacer		Manufactured	No				Each	31.0000	8.0000		10-1-28	SP

Warehouse	Location	Loc Qty	Loc Code
Main Warehouse	ST	31	
	46138	31	

D3455-3 x2 Spacer		Manufactured	No				Each	29.0000	4.0000		10-1-28	SP
----------------------	--	--------------	----	--	--	--	------	---------	--------	--	---------	----

Warehouse	Location	Loc Qty	Loc Code
Main Warehouse	ST	29	
	48126	29	

D3462-042 x1 Bracket Assembly		Manufactured	No				Each	2.0000	2.0000		10-1-28	SP
----------------------------------	--	--------------	----	--	--	--	------	--------	--------	--	---------	----

Warehouse	Location	Loc Qty	Loc Code
Main Warehouse	ST	2	
	35860	1	
	53925	1	

10-2-2 SP B55619

January 19, 2010 1:47:09 PM

Shop Packet Print

Page 9

Picklist Print

January 19, 2010 1:47:09 PM

Work Order ID: 55502



Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3463-042 H		Manufactured	No				Each	1.0000	2.0000			
Step Weldment Assembly												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse	B 55620	83 10/02/03 (2)
ST	1	
53512	1	
D3465-1	Each	63.0000 2.0000
Washer		10-1-28 sf 2x

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	63	
41692	1	
46134	62	2

Picklist Print

January 19, 2010 1:47:09 PM

Work Order ID: 55502

Parent Item: D412-630-032

Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV. C 07.11.12 ecn 1019, nochg EC verified by: DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS21043-3 X3		Purchased	No				Each	4,480.000	6.0000			



Nut

10-1-28

sl

Warehouse Loc Qty Loc Code

Location

OFFSHORE

FG

80

103691

80

Main Warehouse

ST

4400

111819

70

112243

29

112314

4301

Each

44.0000

4.0000

MS24665-227 X2

Purchased

No



COTTER PIN

6

10-1-28

sl (2x)

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

44

111359

14

112422

30

4

Picklist Print

January 19, 2010 1:47:09 PM

Work Order ID: 55502



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS24665-227		Purchased	No				Each	44.0000	2.0000			
											10-1-28	SL
COTTER PIN												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	44	
111359	14	
113422	30	

MS24665-229	Purchased	No		Each	266.0000	4.0000
COTTER PIN						

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	266	
111041	266	

MS24665-302	Purchased	No		Each	118.0000	2.0000
Cotter Pin						

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	118	
111359	18	
113644	100	

Picklist Print

January 19, 2010 1:47:09 PM

Work Order ID: 55502



Parent Item: D412-630-032



Parent Item Name: Pilot/Co-Pilot Step, RH (Folding)

Start Date: 1/19/10

Required Date: 1/25/10

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
 IPP REV. B 05.12.19 updated pick list EC
 IPP REV. C 07.11.12 ecn 1019, nochg EC verifiedby:DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
NAS1515H5		Purchased	No				Each	294.0000	2.0000			
											10-1-28	(2x) [Signature]
Washer												

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
OFFSHORE		
FG	44	
103286	17	
103691	27	
Main Warehouse		
ST	250	
109430	250	2

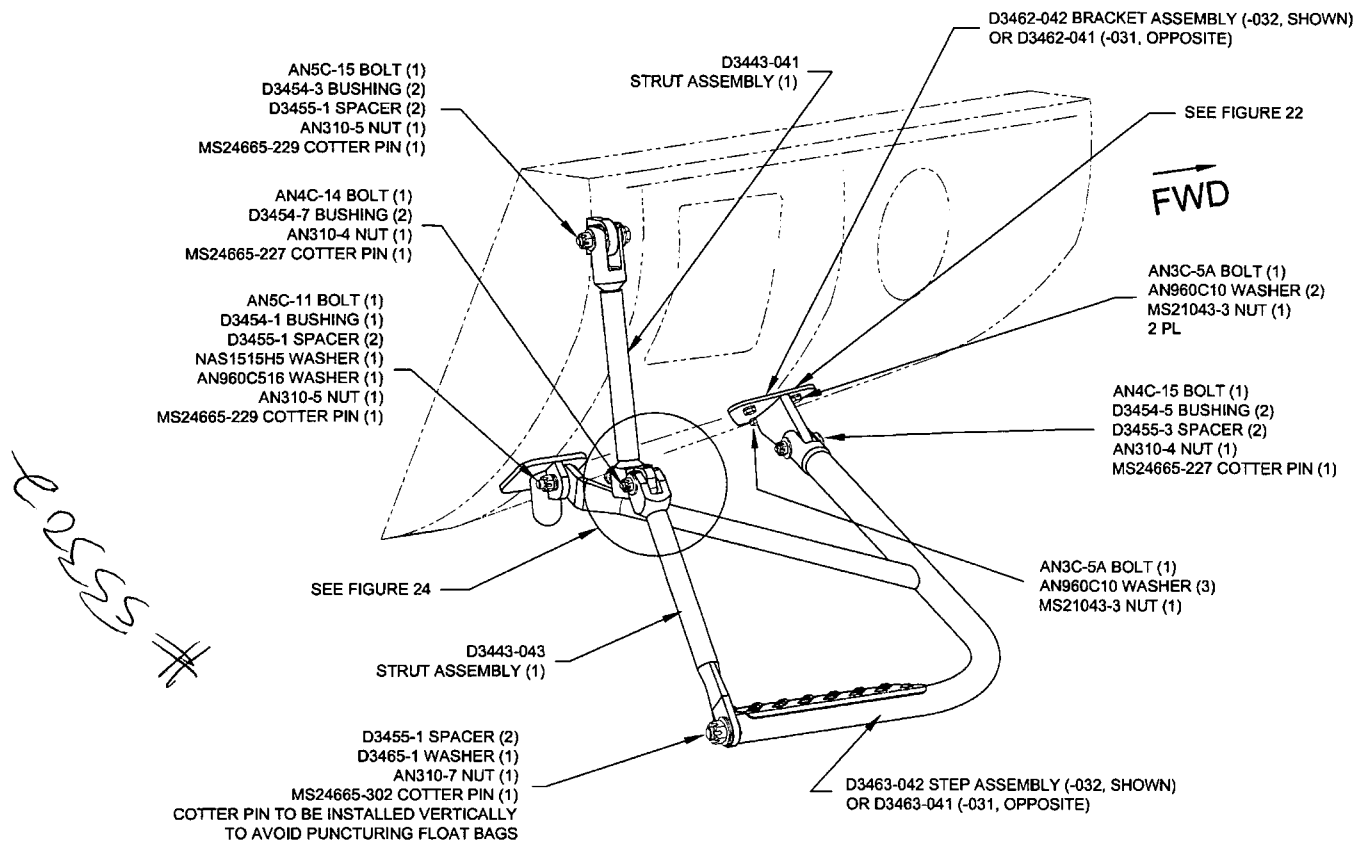


FIGURE 23 – Isometric View D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

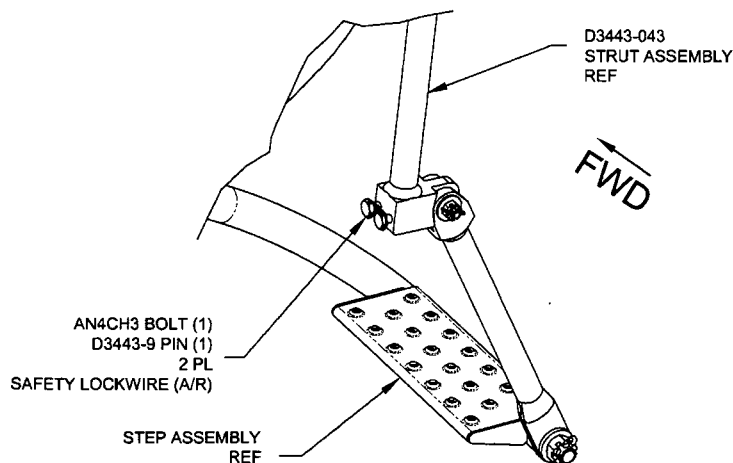


FIGURE 24 – Detail Safety Wiring, D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

REFERENCE ONLY

DART AEROSPACE LTD.

D412-630

Page 24 of 26

Qty -031	Qty -032	Part Number	Description
X		D412-630-031	PILOT/CO-PILOT STEP, LH (FOLDING)
	X	D412-630-032	PILOT/CO-PILOT STEP, RH (FOLDING)
1	1	D3443-041	STRUT ASSEMBLY
1	1	D3443-043	STRUT ASSEMBLY
2	2	D3443-9	PIN
1	1	D3454-1	BUSHING
2	2	D3454-3	BUSHING
2	2	D3454-5	BUSHING
2	2	D3454-7	BUSHING
6	6	D3455-1	SPACER -2
2	2	D3455-3	SPACER
1		D3462-041	BRACKET ASSEMBLY
	1	D3462-042	BRACKET ASSEMBLY
1		D3463-041	STEP ASSEMBLY
	1	D3463-042	STEP ASSEMBLY
1	1	D3465-1	WASHER
2	2	AN310-4	NUT -1
2	2	AN310-5	NUT
1	1	AN310-7	NUT
3	3	AN3C-5A	BOLT
1	1	AN44-C12	* EYEBOLT
1	1	AN4C14	BOLT
1	1	AN4C15	BOLT
2	2	AN4CH3	BOLT
1	1	AN5C11	BOLT
1	1	AN5C15	BOLT
7	7	AN960C10	WASHER
1	1	AN960C516	WASHER
3	3	MS21043-3	NUT
2	2	MS24665-227	COTTER PIN -1
2	2	MS24665-229	COTTER PIN
1	1	MS24665-302	COTTER PIN -1
1	1	NAS1515H5	WASHER

* USE AN44-C12 EYEBOLT WHEN D412-630-031/-032 IS INSTALLED IN CONJUNCTION WITH D412-630-023/-024/-033/-034™ HELI-ACCESS-STEP

• COPYRIGHT © 1996 BY DART AEROSPACE LTD. •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: M
Date: 08.12.12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries